

PROGRAMMABLE JITTER SIGNAL GENERATOR

ABSTRACT OF THE DISCLOSURE

A programmable jitter signal generator is provided that includes a jitter
5 distribution control unit, a selection unit in signal communication with the jitter
distribution control unit, and a delay unit in signal communication with the
selection unit; and a corresponding method of generating a programmable
jitter signal includes programming a control unit, receiving a reference signal,
delaying the received reference signal by a multiple of a base time increment,
10 and selecting a delayed reference signal delayed by a desired multiple of the
base time increment in accordance with the programmed control unit.